

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	10/699222	US-PGPUB; USPAT	OR	ON	2008/06/25 17:27
L2	17	(US-20020149062-\$ or US-20020033509-\$).did. or (US-6548873-\$ or US-6455364-\$ or US-6399993-\$ or US-6303419-\$ or US-6281060-\$ or US-6218253-\$ or US-6027962-\$ or US-5789285-\$ or US-4988633-\$ or US-5604371-\$ or US-4984200-\$ or US-5641692-\$ or US-6432791-\$ or US-5457062-\$ or US-6137154-\$).did.	US-PGPUB; USPAT	OR	ON	2008/06/25 17:32
L3	249058	nitride	US-PGPUB; USPAT	OR	ON	2008/06/25 17:32
L4	13	2 and 3	US-PGPUB; USPAT	OR	ON	2008/06/25 17:32
L5	3233	implant\$3 with oxide with nitride	US-PGPUB; USPAT	OR	ON	2008/06/25 17:58
L6	146819	cmos	US-PGPUB; USPAT	OR	ON	2008/06/25 17:58
L7	75	bicoms	US-PGPUB; USPAT	OR	ON	2008/06/25 17:58
L8	10385	bicmos	US-PGPUB; USPAT	OR	ON	2008/06/25 17:59
L9	297	5 and 8	US-PGPUB; USPAT	OR	ON	2008/06/25 17:59
L10	1682	extrinsic adj2 base	US-PGPUB; USPAT	OR	ON	2008/06/25 18:00
L11	55	9 and 10	US-PGPUB; USPAT	OR	ON	2008/06/25 18:01
L12	41	11 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/25 18:01
L13	172	9 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/25 19:31
L14	131	13 not 11	US-PGPUB; USPAT	OR	ON	2008/06/25 19:32
L15	126082	oxide near5 nitride	US-PGPUB; USPAT	OR	ON	2008/06/25 20:00
L16	2788	8 and 15	US-PGPUB; USPAT	OR	ON	2008/06/25 20:00

L17	3276	implanting with phosphorus	US-PGPUB; USPAT	OR	ON	2008/06/25 20:01
L19	1727	implanting with phosphorous	US-PGPUB; USPAT	OR	ON	2008/06/25 20:05
L20	23493	implant\$5 with (phosphorous phosphorus)	US-PGPUB; USPAT	OR	ON	2008/06/25 20:06
L21	1627	15 same 20	US-PGPUB; USPAT	OR	ON	2008/06/25 20:07
L22	184	8 and 21	US-PGPUB; USPAT	OR	ON	2008/06/25 20:07
L23	114	22 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/25 20:07
L24	89	23 not 13	US-PGPUB; USPAT	OR	ON	2008/06/25 20:08
L25	10614	implant\$5 with (epi epitaxial)	US-PGPUB; USPAT	OR	ON	2008/06/25 20:26
L26	1728	(oxide near5 nitride) with (epi epitaxial)	US-PGPUB; USPAT	OR	ON	2008/06/25 20:27
L27	674	25 and 26	US-PGPUB; USPAT	OR	ON	2008/06/25 20:27
L28	109	8 and 27	US-PGPUB; USPAT	OR	ON	2008/06/25 20:27
L29	70	28 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/25 20:27
L30	8	("4622735"   "4740451"   "4789995"   "5171702"   "5374845"   "6077752"   "6100133"   "6198156"). PN.	US-PGPUB; USPAT	OR	ON	2008/06/25 21:31
S1	2	10/699222	US-PGPUB; USPAT	OR	ON	2008/06/14 17:38
S2	109	bicms	US-PGPUB; USPAT	OR	ON	2008/06/14 18:28
S3	10351	bicmos	US-PGPUB; USPAT	OR	ON	2008/06/14 18:28
S4	648336	gate	US-PGPUB; USPAT	OR	ON	2008/06/14 18:28
S5	107006	insulat\$3 with gate	US-PGPUB; USPAT	OR	ON	2008/06/14 18:28
S6	76959	opening with insulat\$3	US-PGPUB; USPAT	OR	ON	2008/06/14 18:29
S7	127976	(insulat\$3 dielectric) with gate	US-PGPUB; USPAT	OR	ON	2008/06/14 18:29
S8	6201	(insulat\$3 dielectric) with opening with base	US-PGPUB; USPAT	OR	ON	2008/06/14 18:29
S9	139	S3 and S7 and S8	US-PGPUB; USPAT	OR	ON	2008/06/14 18:30

S10	87	S9 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/14 18:32
S11	801	emitter with polysilicon with gate	US-PGPUB; USPAT	OR	ON	2008/06/14 21:53
S12	534	S11 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/14 21:53
S13	54	S7 and S8 and S12	US-PGPUB; USPAT	OR	ON	2008/06/14 21:54
S14	29	S13 not S10	US-PGPUB; USPAT	OR	ON	2008/06/14 21:54
S15	180017	bicmos coms bipolar	US-PGPUB; USPAT	OR	ON	2008/06/14 22:01
S16	670	S11 and S15	US-PGPUB; USPAT	OR	ON	2008/06/14 22:02
S17	455	S16 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/14 22:02
S18	404	S17 not S14 not S13 not S10	US-PGPUB; USPAT	OR	ON	2008/06/14 22:03
S19	180485	bicmos coms bipolar	US-PGPUB; USPAT	OR	ON	2008/06/24 06:50
S20	411453	capacitor	US-PGPUB; USPAT	OR	ON	2008/06/24 06:50
S21	50658	S19 and S20	US-PGPUB; USPAT	OR	ON	2008/06/24 06:50
S22	128444	(insulat\$3 dielectric) with gate	US-PGPUB; USPAT	OR	ON	2008/06/24 06:51
S24	6217	(insulat\$3 dielectric) with opening with base	US-PGPUB; USPAT	OR	ON	2008/06/24 06:52
S25	97	S19 and S20 and S22 and S24	US-PGPUB; USPAT	OR	ON	2008/06/24 06:52
S27	55	S25 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/24 06:53
S28	2	("4984200"   "5604371"). PN. OR ("6548873"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/24 06:54
S29	2	10/699222	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/24 16:22
S30	1741	implant\$5 with (source drain) with base	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/24 21:24
S31	3359	(photoresist resist) with emitter	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/24 21:24
S32	316	S30 and S31	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/24 21:24

S33	28057	gate with oxide with nitride	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/24 21:26
S34	71	S32 and S33	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/24 21:26
S35	61	S34 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/24 21:27
S36	411453	capacitor	US-PGPUB; USPAT	OR	ON	2008/06/24 21:32
S37	86	S30 and S31 and S36	US-PGPUB; USPAT	OR	ON	2008/06/24 21:32
S38	381374	resistor	US-PGPUB; USPAT	OR	ON	2008/06/24 21:32
S39	54	S37 and S38	US-PGPUB; USPAT	OR	ON	2008/06/24 21:32
S41	50	S39 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/24 21:33
S42	111	(extrinsic adj2 base) with (source drain) with implant \$5	US-PGPUB; USPAT	OR	ON	2008/06/24 21:42
S43	40	S31 and S42	US-PGPUB; USPAT	OR	ON	2008/06/24 21:43
S44	4	S31 and S42 and S36	US-PGPUB; USPAT	OR	ON	2008/06/24 21:43
S45	3	S44 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/24 21:43
S46	16	(US-20020149062-\$ or US-20020033509-\$).did. or (US-6548873-\$ or US-6455364-\$ or US-6399993-\$ or US-6303419-\$ or US-6281060-\$ or US-6218253-\$ or US-6027962-\$ or US-5789285-\$ or US-4988633-\$ or US-5604371-\$ or US-4984200-\$ or US-5641692-\$ or US-6432791-\$ or US-5457062-\$).did.	US-PGPUB; USPAT	OR	ON	2008/06/25 08:18
S47	164068	deplet\$3	US-PGPUB; USPAT	OR	ON	2008/06/25 08:23
S48	0	S46 and S47	US-PGPUB; USPAT	OR	ON	2008/06/25 08:23
S49	14010	retrograde	US-PGPUB; USPAT	OR	ON	2008/06/25 08:23
S50	1	S46 and S49	US-PGPUB; USPAT	OR	ON	2008/06/25 08:23

S51	0	concentration with collector	US-PGPUB; USPAT	OR	ON	2008/06/25 08:38
S52	5499	concentration with collector	US-PGPUB; USPAT	OR	ON	2008/06/25 08:39
S53	14	S46 and "17"	US-PGPUB; USPAT	OR	ON	2008/06/25 08:39
S54	3	S46 and S52	US-PGPUB; USPAT	OR	ON	2008/06/25 08:39
S55	1274692	frequency	US-PGPUB; USPAT	OR	ON	2008/06/25 09:31
S56	4	S46 and S55	US-PGPUB; USPAT	OR	ON	2008/06/25 09:31
S57	121	collector with base with bias with depletion	US-PGPUB; USPAT	OR	ON	2008/06/25 09:40
S58	81	S57 and @ad<"20010504"	US-PGPUB; USPAT	OR	ON	2008/06/25 09:40
S59	0	S46 and S58	US-PGPUB; USPAT	OR	ON	2008/06/25 09:40

6/25/2008 9:38:11 PM

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